

5500 RPM cut out issues - How resolved

Posted by joepaluch - 24 Jan 2011 08:29

Guys,

I have seen many drivers come up with problems like "car cuts out at 5500 rpm" and such. It seems to have many causes and never seems like simple issues to fix meaning guys spend weeks trying to track down the problem.

Often the fix is not that bad (unless headwork is needed), but the diagnostic time is a pain.

So can those of you who have had the issue share what you did to resolve it and post that here?

Edit.

I do not have that problem right now and thought new Texas 944 spec guy did, but was mistaken. Even so it would be a help for those that do get this issue.

Re: 5500 RPM cut out issues - How resolved

Posted by Bottoz - 24 Jan 2011 15:37

I recently had a cut @ 3500. The 'feelers' inside the AFM were not making good contact at that point. Cleaned it, attempted to bend it, and it worked.

Re: 5500 RPM cut out issues - How resolved

Posted by 944Racer72 - 24 Jan 2011 18:04

I know you aren't looking for only answers to that issue but I too had a high RPM stutter. I swapped AFMs and it didn't improve but low end was worse. I tried another and that one also didn't fix it. After trying everything else, I tried a "known good" AFM and it worked.

Moral of the story - I guess not all spares are created equally...and these AFMs are finicky.

Re: 5500 RPM cut out issues - How resolved

Posted by rlofgren - 24 Jan 2011 19:18

when i first bought my '83, there was a stutter at 5500 rpm and in the end it turned out to be a broken valve spring. just my 2cents.

Re: 5500 RPM cut out issues - How resolved

Posted by spec28 - 25 Jan 2011 19:14

known cause and solutions:

if engine pops or stutters while cutting out - replace throttle position sw.

AFM wiper arm/rail worn thru - adj wiper positon to ungrooved area of track or swap w/better unit.

if engine rpm and hp seems to level off and "float" at a specific (repeatable) rpm - head issues including: broken valve spring (usually inner spring), burned valve/seat issues.

Re: 5500 RPM cut out issues - How resolved

Posted by 944Racer72 - 25 Jan 2011 19:25

I tried adjusting the arms on my bad AFMs (good instructions on Clark's Garage website) and it didn't work. Only a "good" one finally fixed it. It wasn't the throttle position switch in my case.

For another similar instance, I had a mysterious cutout/no start issue where the car would seem like it was running out of gas and then stop completely or sometimes wouldn't start at all. I checked pretty much everything until I finally found the wires to the crankshaft position sensors were brittle and would occasionally lose contact completely. Lindsey sells replacement harnesses for those and the injectors that are well worth replacing. Almost every car I've seen, the engine harness is brittle and nasty.

I've seen several cars quit or refuse to start where everything seemed to work right but they wouldn't spark. The little allen bolt that holds the distributor rotor in place had come out and the rotor was spinning freely on the cam. Relatively easy to find when you find out it isn't sparking but I've seen it

drive people crazy.

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